

Converting Colors

$Yxy(60.6171, 0.3160, 0.3832)$

Have a look what the booklet for
Yxy(60.6171, 0.3160, 0.3832)
contains.

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Color

Yxy(60.6171, 0.3160, 0.3832)

Conversions

Conversions Part 1

Format	Color
Hex	B3D6AB
RGB	179, 214, 171
RGB Percent	70%, 84%, 67%
CMY	0.2980, 0.1608, 0.3295
CMYK	0.16, 0.00, 0.20, 0.16
HSL	109°, 34%, 75%
HSV	109°, 20%, 84%
XYZ	49.9870, 60.6171, 47.5825
YIQ	198.6330, -7.0570, -20.7930

Conversions

Conversions Part 2

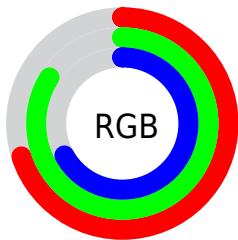
Format	Color
RYB	171, 214, 206
Decimal	11785899
CIELab	82.17, -19.56, 17.49
CIELCh	82, 26.243, 138.204
Yxy	60.6171, 0.3160, 0.3832
Android (android.graphics.Color)	4289975979 (0xFFB3D6AB)
YUV	198.6330, -13.6231, -17.2181
Hunter-Lab	77.8570, -21.6464, 18.2646

Details

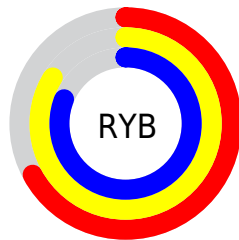
The Yxy color **60.6171, 0.3160, 0.3832** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.0919, 0.3082, 0.2783**, and the grayscale version is **56.9664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6732, 0.3169, 0.3583**, and **30.5638, 0.3161, 0.3971** is the 20% darker color. If you saturate the color by 10%, you get **57.9236, 0.3172, 0.4144**, and if you desaturate by 10%, it is **63.7097, 0.3145, 0.3547**.

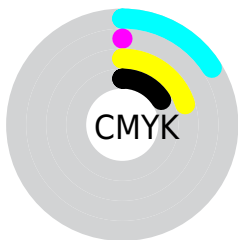
Distribution



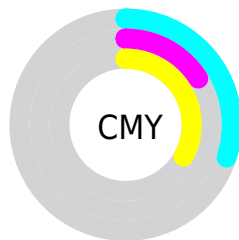
- Red (70%)
- Green (84%)
- Blue (67%)



- Red (67%)
- Yellow (84%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)





- Cyan (30%)
- Magenta (16%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6171, 0.3160, 0.3832 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 60.6171, 0.3160, 0.3832 by changing the saturation by 10% instead.

 60.6171, 0.3160,
0.3832

 60.6171, 0.3160,
0.3832


426.8687, 0.3149,
0.3565

 43.9162, 0.3161,
0.3898


 105.7243, 0.3157,
0.3736

 30.6047, 0.3162,
0.3981


134.8995, 0.3156,
0.3699

 20.2980, 0.3162,
0.4091


169.0015, 0.3154,
0.3668

 12.6118, 0.3159,
0.4242

208.4148, 0.3153,
0.3642

 7.1618, 0.3150,
0.4460

253.5238, 0.3152,
0.3619

 3.5635, 0.3124,
0.4805

304.7128, 0.3151,

 1.4325, 0.3239,

0.3598

0.5776

362.3663, 0.3150,
0.3581

0.2405, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.6171, 0.3160,
0.3832

60.6171, 0.3160,
0.3832

57.9236, 0.3172,
0.4144

63.7097, 0.3145,
0.3547

55.6055, 0.3179,
0.4476

67.2089, 0.3127,
0.3293

53.6480, 0.3179,
0.4816

71.1315, 0.3109,
0.3067

52.0327, 0.3170,
0.5146

75.3889, 0.3101,
0.2885

■ 50.7393, 0.3152,
0.5443

■ 76.5757, 0.3146,
0.2891

■ 49.7452, 0.3125,
0.5686

■ 49.0248, 0.3091,
0.5856

■ 48.5454, 0.3057,
0.5955

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.6171, 0.3486, 0.3889



60.6171, 0.3160, 0.3832



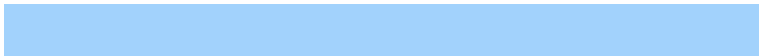
60.6171, 0.2837, 0.3602

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.6171, 0.3160, 0.3832



60.6171, 0.2556, 0.2795



60.6171, 0.3680, 0.3261

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.6171, 0.3160, 0.3832



47.0919, 0.3082, 0.2783

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.6171, 0.3406, 0.3003



60.6171, 0.3160, 0.3832



60.6171, 0.2758, 0.2739

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.6171, 0.3160, 0.3832



60.6171, 0.2500, 0.2986



60.6171, 0.3065, 0.2816



60.6171, 0.3797, 0.3538

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.6171, 0.3160, 0.3832



60.6171, 0.2665, 0.3391



60.6171, 0.3065, 0.2816



60.6171, 0.3603, 0.3170

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.6197, 0.3160, 0.3832



96.7690, 0.3138, 0.3441



61.0906, 0.3447, 0.3693



20.6402, 0.3139, 0.3458



0.0000, 0.0000, 0.0000



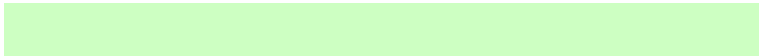
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.6197, 0.3160, 0.3832



88.4163, 0.3165, 0.3958



60.2072, 0.3017, 0.3672



14.0063, 0.3144, 0.3529



29.3743, 0.3064, 0.5949



1.8055, 0.3175, 0.5861

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.0919, 0.3082, 0.2783



64.8729, 0.3070, 0.2675



47.6365, 0.3258, 0.2937



12.5102, 0.3108, 0.3058



8.4212, 0.2744, 0.1285



0.5389, 0.2829, 0.1332

Previews

White Background



This preview shows how the Yxy color 60.6171, 0.3160, 0.3832 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 60.6171, 0.3160, 0.3832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

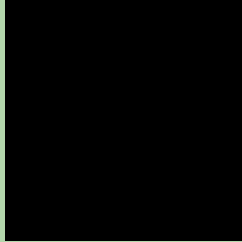
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

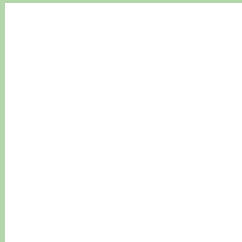
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6171, 0.3160, 0.3832

Background



This preview shows how black text looks on a background with the Yxy color 60.6171, 0.3160, 0.3832.

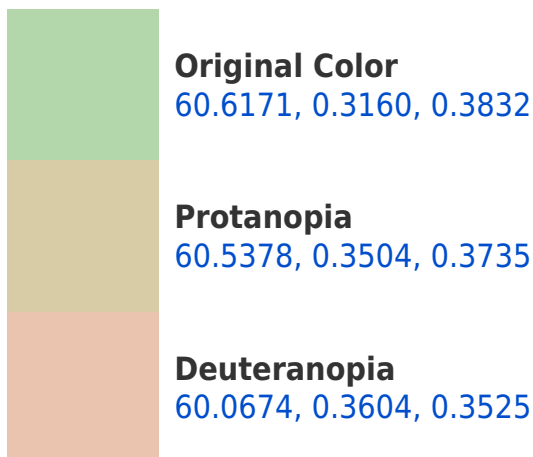


This preview shows how white text looks on a background with the Yxy color 60.6171, 0.3160, 0.3832.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

60.6447, 0.2883, 0.3101

Trichromacy



Original Color

60.6171, 0.3160, 0.3832

Protanomaly

60.6354, 0.3374, 0.3771

Deuteranomaly

60.0640, 0.3429, 0.3631

Tritanomaly

60.7671, 0.2985, 0.3362

Monochromacy



Original Color

60.6171, 0.3160, 0.3832

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0663, 0.3142, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6171, 0.3160, 0.3832 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(179, 214, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 214, 171)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(179, 214, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 214, 171) }
```

Border

The CSS property to change the border of an element to Yxy 60.6171, 0.3160, 0.3832 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 214, 171) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(179, 214, 171) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(179, 214, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 214, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 214, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 214,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6171, 0.3160, 0.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 214, 171) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(179,  
214, 171) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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